(19) World Intellectual Property Organization International Bureau



] (1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 |

(43) International Publication Date 16 June 2005 (16.06.2005)

PCT

(10) International Publication Number WO 2005/053797 A1

(51) International Patent Classification⁷: A61L 9/014

A62D 3/00,

(74) Agent: GRIFFITH HACK; GPO Box 4164, Sydney, NSW 2001 (AU).

(21) International Application Number:

PCT/AU2004/001712

(22) International Filing Date: 3 December 2004 (03.12.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2003906724 4 December 2003 (04.12.2003) AU

(71) Applicant (for all designated States except US): UNISEARCH LIMITED [AU/AU]; Rupert Myers Building, Gate 14, Barker Street, UNSW, Sydney, NSW 2052 (AU).

(72) Inventors; and

(75) Inventors/Applicants (for US only): FEITZ, Andrew James [AU/AU]; 4/18 Waltham Street, COOGEE, NSW 2034 (AU). WAITE, Trevor David [AU/AU]; 119 Morrison Avenue, WOMBARRA, NSW 2515 (AU). JOO, Sung Hee [KR/US]; Unit 4, 426 Prospect Street, NEW HAVEN, CT 06511 (US).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR DECONTAMINATING SURFACES

(57) Abstract: A method for treating a surface to decontaminate the surface by chemically altering contaminants on the surface. The method comprises applying to the surface particles of a zero valent metal capable of reacting with oxygen and water to form hydroxyl radicals, and exposing the particles to oxygen and water. The method may be carried out in the presence of air.